
FOLIO

Native Studies: Emerging Discipline

A conference, to be held from Sunday, 1 March, to Wednesday, 4 March, will explore many diverse topics of concern especially to those people seeking the advancement of our native peoples. The topic is "Native Studies: Emerging Discipline." On Monday, 2 March, there will be addresses by Dr Horowitz; Carl Urion, a Professor in the Department of Educational Foundation; Jenny Margetts, Awasis Program, Edmonton; and Elmer Ghost-keeper of the Federation of Metis Settlements. In the afternoon, there will be an address by George Erasmus and presentations by the Indian and Metis Associations of Alberta.

In addition, there will be six workshops, "Native Languages and Curriculum" will be directed by Greg Spence of the Timmins Cultural College, Ontario, and Ann Anderson of Cree Productions, Edmonton. Native Law will be the subject tackled by two native lawyers, W. Littlechild and B. Badcock. "Indian Literature" will be considered by Tom King of the University of Lethbridge. Several Elders will discuss "Culture and Native Studies." After these, there will be a presentation by native students.

In the evening, at 8 p.m., the Native Student Development Fund (see the following article) will host a concert at the Jubilee Auditorium. The artists will be Buffy Sainte-Marie, Tom Jackson and the Kansas City Cramers, and the Saddleback Dancers.

Of greatest interest the following day will be two panel discussions. One, in the morning of 3 March, will be concerned with "Native Studies Perspective" and will be moderated by John Rouillard of San Diego State University. Contributors to this panel discussion will be Don McCaskill of Trent University, Leroy Littlebear of the University of Lethbridge, Raoul McKay of the University of Manitoba, Thom Alcoze of Laurentian University, and Ida Wasacase, Director of the Saskatchewan Federated College. The other panel discussion, to be held after lunch,

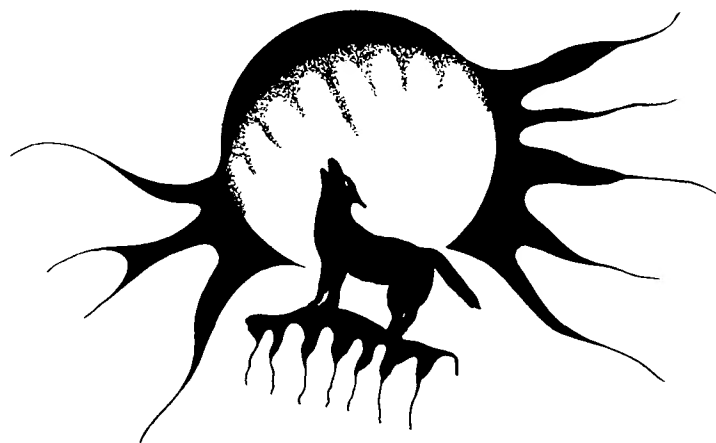
Lethbridge.

During the day, workshops on Indian literature and Native law will take place and Phil Lane, University of Lethbridge, will conduct a workshop on "Native Cultural and Psychological Perspective in Contemporary Education."

The final day of the conference, Wednesday, 4 March, will have an equally packed agenda. In the morning Howard Adams from UCLA will be followed by Phil Lane from Lethbridge. In the afternoon, prior to a plenary session to be held at 3 p.m., there will be presentations by Dennis

concert in the Jubilee Auditorium, will be \$40 and, for students, \$30. Information regarding "Native Studies: Emerging Disciplines" may be gained from Reanna Sayers, Press Officer, Office of the Adviser on Native Affairs, 124 Athabasca Hall. Her telephone number is 432-5677.

Equally important to the development of the emerging discipline, and to the encouragement of native students at this institution, is the proposed Native Student Development Fund. What follows is a proposal for the establishment of the fund developed in the Office of the Adviser on Native Affairs.



will have as its topic "Policy on Native Studies." The moderator for this will be Walter Currie of the Gabriel Dumont Institute on Native Studies. Joining this discussion will be representatives from Athabasca and Brandon Universities, Alberta Advanced Education and Manpower, and members of staff from the Universities of Alberta and

Martel, Editor of the *Ontario Indian*; H. McCue of Trent University; and Glenda Sims of the Saskatchewan Federated College, University of Regina.

A banquet will be held on the evening of 3 March and there will be a fashion show.

The conference registration fee, including the banquet and a ticket to the Buffy Sainte-Marie

The Native Student Development Fund

Introduction

The Office of the Adviser on Native Affairs was introduced to the University of Alberta Campus four years ago. It was recognized that native enrolment at the University was blatantly lacking. This has been a widespread problem throughout Canada with regards to native involvement in post-secondary education for many years. It is still a situation of great concern. It was hoped that the establishment of this Office would encourage more native people to get involved. The Office, staffed by native people, would give the students something to identify with. A place where they could go and receive personal attention from people who understood their socio-cultural background. Thus

the Office has been successful in servicing the needs of many native students. It has eased and facilitated them through their academic careers—careers which for the majority would have been just too overwhelming and discouraging.

Over the last four years the enrolment has increased to seventy-five native students. These students are both full-time and part-time. There have only been three students leave due to adjustment problems. Fifteen have graduated with their degrees. The remainder are still enrolled in various programs and are being successful.

This paints a very encouraging picture yet seventy-five native students compared to an overall enrolment of 22,000 is still a rather small percentage.

The socio-economic conditions for the majority of native communities are still extremely poor. These communities are in great need of their own professionally educated and skilled personnel. This is recognized as one of the keys to improved living conditions and an overall better quality lifestyle.

This can partially be achieved by attracting more native students to the university campus and providing them with a program of incentive and recognition. It is

felt that one positive step towards this would be through the establishment of a scholarship/bursary, emergency fund for native students. It has been titled "The Native Student Development Fund." The Office of the Adviser on Native Affairs has undertaken this task independently of the University itself. This has been necessary due to the "affirmative action" clause. Under this clause the University is legally obliged to avoid any type of discrimination. Therefore, it can not establish a system of scholarships and bursaries specifically for native students. The Office of the Adviser on Native Affairs, on the other hand, is perfectly free to do so.

Objectives

1. To offer scholarships and bursaries as incentives to native students. It is felt that some recognition should be paid to native students who are working hard to become professionals. There is little doubt that more skilled and professional people are needed in "Indian Country." Scholarships and bursaries would encourage those people who are striving to achieve this.
2. To provide financial assistance for native students particularly those who find themselves in emergency situations. This would refer mainly to the emergency loan part of the program. Nearly 50 percent of the native student body are Metis. These native students come from extremely poor family backgrounds and receive no assistance from the Department of Indian Affairs. Sixteen of the native students are single parents which poses an added financial burden.
3. To bring recognition to the fact that there are indeed native students involved in professional education. It is felt that this kind of awareness will have a positive effect on both the native and non-native communities. It will definitely better the native image in the eyes of both.
4. This program will provide members of both the native and non native communities with the opportunity to show tangible

support for these students.

It will also provide all of those involved with an opportunity to come together in a social atmosphere to share in the presentation of these awards. This will promote better understanding between the groups. It may also provide graduating native students with contracts, who may be able to help advance their professional careers.

Methods

Two approaches are being used in order to raise monies for the "Native Student Development Fund."

One involves approaching various community members, businesses and organizations for donations.

Emphasis has been placed on approaching certain sectors of the native community for these donations.

This certainly has not excluded the non-native community from participating. However, it is necessary to note that this program is not designed to solicit "hand outs" from outside the native community but, rather to satisfy the objectives by turning much of the responsibility back to the native community itself.

The other approach is through a benefit concert featuring Buffy Sainte-Marie, to be held Monday, 2 March 1981, at the Jubilee Auditorium. The proceeds from this concert would go into the Native Student Development Fund.

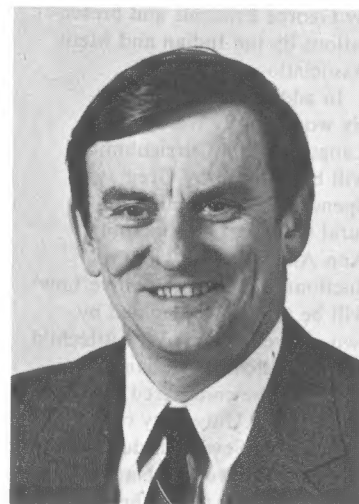
It is felt that this particular event will give exposure to the fact that there is a high need for professionally trained native people in the native community. □

Macnab Appointed World University Games Vice-President

President Horowitz has recently announced the appointment of Ross Macnab as Vice-President (University) of the 1983 World University Games. The position with the Universiade 83 Edmonton Corporation will involve the total liaison between the Corporation and the University of Alberta in all matters pertaining to the Games, including its Cultural Program and International Conferences.

Dr. Macnab was a member of the joint City-University Committee which planned Edmonton's bid and was a member of the group which travelled to Rome and Madrid in the City's successful bid to host the Games.

Dr. Macnab, who joined The University of Alberta in 1963 has most recently been Associate Dean of the Faculty of Physical Education and Recreation, as well as Professor in the Department of Physical Education. He served for many years on the Executive Council of the Association of Academic Staff



of The University of Alberta (AASUA) and was President of the AASUA in 1977-78.

Born in Montreal, Dr. Macnab is bilingual. He was educated at the University of Michigan and Michigan State University, completing undergraduate and graduate degrees in Physical Education and a doctorate in Fisheries Biology. □

FOLIO

Volume Seventeen
Number Thirty-three

All inquiries and correspondence should be directed to:

Folio
Office of Community Relations
423 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8
Telephone: (403) 432-2325

The Office of Community Relations produces Folio on a weekly basis for the staff and other interested persons

Copyright 1981

Computing Science Lecture

In 1943, Grace Murray Hopper joined the United States Naval Reserve and was ordered to the Bureau of Ordnance Computation Project at Harvard. It was the start of something big—the programming of the first large-scale computer Mark I. Six years later she joined the Eckert-Mauchly Computer Corporation as a senior mathematician. The company was then building UNIVAC I. She remained with them when they were bought by Remington Rand and merged with Sperry, and in 1964, she became staff scientist, systems programming.

All of which is to say that Captain Hopper, now serving on active duty on the staff of the Commander, Naval Data Automation Command, knows whereof she speaks when the subject is computer programming. She will lecture at The University of Alberta on 3 March at 7:30 p.m. in E344, Chemical/Mineral Engineering Building. Her topic is “History of the Development of

High Level Languages.” The lecture is sponsored by the Department of Computing Science and the Alberta Chapter of the Association for Computing Machinery.

A graduate of Vassar (BA) and of Yale (MA, PhD), Captain Hopper has published more than fifty papers and articles on programming. She is an adjunct professor at the Moore School of Electrical Engineering, University of Pennsylvania, and a professional lecturer at George Washington University.

She has received four honorary degrees including those of DSc from C.W. Post College and LLD from the University of Pennsylvania.

Captain Hopper is a Fellow of the American Association for the Advancement of Science, a Distinguished Fellow of the British Computer Society, a member of the Franklin Institute, the US Naval Institute, and the National Academy of Engineering. □



Students and several other interested people gathered together on Thursday, 19 February, to discuss how they might influence decisions concerning the future of North Garneau and development proposals for the area east of 111 Street. The consensus opinion was that this area be wholly devoted to a residential function and that current proposals for development are unacceptable. The cry went up that the University community should be more widely consulted before immutable decisions are taken. Those present did not appear to have much faith in the normal participatory processes of our institution's government—at least in the matter having decisions taken that would coincide with their view of what is appropriate for the east campus area.

Program to Train Teachers of Multiple Dependent Handicapped

The training of teachers of multiple, dependent handicapped is now a goal of The University of Alberta.

In September 1981, a one-year diploma program geared to such training will be established at the University. Students may also be accepted into a two-year master's program which involves the training of administrative and consultative personnel.

The programs are being developed by the Department of Educational Psychology. They will provide comprehensive training in curriculum development, instructional and behavioral

management and assessment techniques required to work with various age levels of individuals with severe or profound levels of sensory, physical, communication, intellectual and/or behavioral disorders.

According to the Department, new specialized instructional personnel have been employed to develop, implement, and evaluate the programs.

Existing resources and personnel within various areas of the university and the community will also be engaged.

Eligibility for the diploma program is based on the fol-

lowing: a) an undergraduate degree (preferably in special education), b) a professional teaching certificate, c) preferably practical experience with the multiple, dependent handicapped, d) all academic records will be evaluated on an individual basis.

Eligibility for the master's program corresponds to a), c) and d). A teaching certificate is not required, but is recommended.

Only a limited number of students will be accepted into each program; all students will be considered on an individual basis. Application should be made immediately.

Preliminary arrangements are underway to obtain bursary support for students taking these programs. Limited financial assistance in the form of teaching and research assistantships may be available to eligible master's students; all students may apply for scholarships. Applications for financial assistance should be made immediately.

The coordinator of the Multiple, Dependent Handicapped Program is David Baine, Department of Educational Psychology, 6-102 Education North, The University of Alberta, Edmonton, T6G 2G5; telephone 432-3755. □

Neonatal Research Aided

The Division of Newborn Medicine in the Department of Pediatrics, University of Alberta, recently received a cheque for \$20,000 from the Southgate Lions Club. The cheque will be used to establish the Southgate Lions Neonatal Research Fund. The purpose of the fund is to assist the Division in development and maintenance of the computerized data acquisition centre for clinical research in the Newborn Intensive Care Unit of The University of Alberta Hospital.

The facility is primarily designed to monitor and record multiple parameters in birth asphyxiated infants in order to assess the severity of the disease and the effect of treatment upon the disease process. The unit itself will consist of a sixteen channel input system, with variable time sampling. The data gathered will be displayed on a monitor and subsequently recorded for further analysis. The unit, to be built in the Division of Biomedical Engineering at a considerable saving, will provide flexibility to the

extent that it can also be used for other ongoing studies within the Newborn Intensive Care Unit. These include nutritional studies in infants of less than two pounds birth weight and the effects of mechanical ventilation on lung fraction in distressed newborns.

T. Ward of the Division of Newborn Medicine, said "Birth asphyxia is an extremely common problem and affects as high as two to three percent of all infants born. It is undoubtedly the major cause of mental retardation, and cerebral palsy.

"We greatly appreciate the support of the Lions Club in the establishment of the Southgate Lions Neonatal Research Fund. The equipment that they fund will help us to better understand and better treat the problem of birth asphyxia. Hopefully, with this better understanding, the incidence of handicaps associated with this condition will decrease greatly."

The Department of Pediatrics will submit a request for matching funds to Alberta Advanced Education and Manpower. □

Internship Program Endorsed by ASTA

According to a news release issued on 13 February 1981 by the Alberta School Trustees Association, the ASTA has found favor with a proposal emanating from Alberta Education. The proposal is to establish an internship program for those who would teach in this province's schools.

Larry Ferguson, Executive Director of the ASTA, says that school trustees support the idea of tripling the time prospective teachers "understudy" (engage in practice teaching) in Albertan classrooms. According to Dr. Ferguson, a one-year teaching internship would improve the over-all quality of education in this province. At the moment, fourth-year education students spend thirteen weeks honing their teaching skills in public schools.

The proposal is for education students to spend their first three years at university, then a year as interns followed by a fourth and final year of university instruction. The overt belief is that students engaged in such an inordinately long, five-year baccalaureate program would gain an appreciation for the life of a teacher and that "idealistic expectations would be tempered by reality."

"At the end of the year, the teaching intern would be in a better position to determine if he truly wishes to commit himself to the education profession," said Dr. Ferguson.

In the program as proposed by the Hon. Dave King, Minister of Education, school boards would come to work more closely with Faculties of Education. "School boards," said Dr. Ferguson, "would be responsible for selecting and supporting master teachers and for ensuring performance evaluation systems are functioning positively." Dr. Ferguson also made the statement that the Minister's internship proposal "recognizes the benefits to be derived by both the individual and society as a whole."

The ASTA news release made no mention of pay levels for teaching interns. Similarly, there was no suggestion as to what those students might do, who, after three years of university instruction and one year's internship, found that their idealistic expectations had not been tempered by reality. □

Summer Canada 1981

A student employment program for the summer of 1981 has been established by the Minister of Employment and Immigration. The program is intended to provide employment opportunities during the summer for all students, rural and isolated students, special bias toward native students, rural and isolated students, women students "in non-traditional" occupations, and students, rural and isolated

The funds to support the various community-related, non-profit projects will be disbursed on an electoral riding basis, i.e. the proposer of a project will compete for funds against other proposers resident in the same

riding. It is equally important to note that projects should not constitute University courses, however cleverly disguised. While projects should be non-profit, they may generate revenue for their own support.

The wage rates established under the Summer Canada program are, for a project manager \$210 per week and for other project employees, \$140 per week. These are equivalent to an hourly rate of \$5.25 and \$3.50. These rates are assessed according to a forty-hour week and should be pro-rated accordingly. They are also the maximum allowable contributions under the Summer Canada program. □

Language Commissioner to visit Campus

Max Yalden, Commissioner of Official Languages, Government of Canada, will visit Edmonton next week. At his own request, he will meet members of the University Senate's Task Force on Second Languages. The meeting will take place on Wednesday, 4 March, at 2:30 p.m. in the Senate Office, 150 Athabasca Hall. For further information about the Senate Task Force and Mr. Yalden's visit, please telephone The University of Alberta Senate at 432-2268. □

Letters

■ *Report on Board of Governor's Meeting—Folio, 12 February 1981.* In your report on this meeting you record the following statement (page 2):

"It was also observed that in the current year academic positions were reduced by a little over 21 full-time equivalents. This reduction was the direct result of salary settlements."

A more accurate observation would be that both the reduction of positions and the inadequacy of salary settlements (which were 2% below measures of the increase in the cost of living) were the direct result of inadequate funding of the University."

V.G. Gourishankar,
President, AAS:UA

■ You ask in a note under the general heading "Letters," *Folio* (12 February 1981: p. 5), for an answer to the problem of the placement of punctuation *vis-à-vis* quotation marks.

This problem is best tackled by first restating as follows. What is the distinction between use and mention? With this question before us, it is natural to suppose that there are two acceptable answers. And so there are.

In some technical applications a clearly defined distinction between use and mention, language and metalanguage, is crucial. Two instances from the field of mathematical logic: (1) Whitehead and Russell labored ten years on their monumental work, *Principia Mathematica*. This great text is marred by a blurring of the distinction between use and mention. Russell, acutely aware of this blemish, was finally driven to the adoption of an axiom which caused, and still causes, as much confusion as the original defect. (The axiom of reducibility.) (2) Kurt Gödel, skillfully using the distinction between use and mention, gave an incontrovertible proof that ordinary arithmetic, amongst other

systems, is incomplete if consistent. That is to say, there are in arithmetic a denumerable number of propositions which are true but undecidable in the system. If they were so decidable, arithmetic would be inconsistent.

In non-technical applications the only requirement is the avoidance of ambiguity.

Happily, examples of both answers are displayed in the issue of *Folio* cited above.

Vick's second paragraph does not finish with a period. *His* portion of the paragraph, that is his *use*, ends with a full colon. My third paragraph ends with a period which I am *using*. The period to the left of the quotation mark is being *mentioned*.

In your own note, the word "error" is correctly *mentioned* as being *used* in Vick's letter. Perhaps you would be kind enough to explain what "house style" means. It is probably ignorance on my part, but this

particular use of quotation marks baffles me.

Being a user of both styles, I would say that on this point both Noden's letter and Vick's letter pass muster, as far as I can see. As to my letter, someone else will have to pass judgement on it.

Two points in closing. To the parting injunction, "Don't do anything I wouldn't do.", only the technical user can unhesitatingly reply, "I won't.". I have not given references on this subject because properly to do so would inflate *Folio* to *Folio/New Trail* dimensions. (I would, on application, be happy to send, in a plain brown envelope, a positive extravagance of references.)

M.F. Loftus,
Budget Division

Editor's note: The use of quotation marks ("house style") queried by Mr. Loftus is a device employed by Folio when a technical term is inserted in a non-technical passage.

Folio accepts display advertising

Size and rates: the basic unit size is 21 agate lines x 11 picas (1½" x 1⅞"). The full page is divided into 22 such units, any combination of which is available at a cost of \$15. per unit. Half page costs \$165. One column costs \$82.50. A professional/business card unit is available at a cost of \$30. Discounts are offered for extended runs, please enquire.

Other specifications: half-tones (100-line screen or less) are acceptable; no colour or bleeds. Camera-ready copy is necessary there is a charge of 30c per word for type-setting, and \$7.50 for adjustment of design work. Deadline for submission is one week prior to publication (Thursday, 3 p.m.). Acceptance of advertisements and positioning are at the discretion of the editor.

These rates are effective from 1 January 1981. For more information please telephone 432-2325 and ask about *Folio* display advertising or write to:

Folio Display Advertising .
Office of Community Relations
423 Athabasca Hall
The University of Alberta
Edmonton, Alberta
T6G 2E8

Hong Kong Week 1981

Sponsored by the Chinese Library Association, the Office of Student Affairs, the International Student Office, and the Hong Kong government.
2 to 4 March. 11 a.m. to 5 p.m.
Pictures and Exhibition. 142 SUB.

3 to 5 March. 10 a.m. to 4 p.m. Careers Information Display. Main Floor CAB.

6 to 7 March. 7 p.m. and 9:15 p.m. Audio-visual Show. "Hong Kong in Sound and Sight," "Hong Kong Time," and "Hong Kong—Heart of the Orient."

For further information about Hong Kong Week 1981, please telephone 432-4145.

香港
HONG KONG
WEEK 81



New President at Winnipeg

A new President has been appointed at the University of Winnipeg. Robin H. Farquhar, Dean of the College of Education at the University of Saskatchewan will succeed H.E. Duckworth who will retire on 31 August 1981 after a decade of service in the position.

Dr. Farquhar, 42, holds degrees in English Literature from the University of British Columbia and a PhD in Educa-

tional Administration from the University of Chicago. Well known in educational circles. Dr. Farquhar has published over sixty papers and articles as well as six books. He is President of the Canadian Society for the Study of Education, a Director of the Canadian Educational Association, and a Fellow of the Commonwealth Council for Educational Administration. □

people

Karol Krotki, Professor of Sociology, was a member of a research committee advising the Minister of Employment and Immigration on the annual immigration target for Canada. The committee suggested 135,000. The Hon. Lloyd Axworthy announced for 1981 in the House of Commons a range between 130,000 and 140,000.

W.G. Dewhurst, Professor and Chairman of the Department of Psychiatry, was recently honored with the Certificate of Fellowship from the American College of Psychiatrists in recognition of his significant contributions to the profession.

At the January academic staff meeting of the Department of Psychiatry, the 1979-80 graduate awards were presented. Norman Costigan received both "The R.H. Mewburn Memorial Prize" for excellence in Clinical and Liaison Psychiatry and "The A. Ralph Shrag Memorial Prize"

for excellence in Child Psychiatry. "The Sidney Spaner Memorial Award" for excellence in Psychotherapeutic Psychiatry was awarded to Alan Douglass.

Nathaniel W. Rutter, Professor and Chairman of Geology, has been elected Vice-President of the Canadian Quaternary Association. He is part of the first duly elected executive of the newly formed association that represents scientists interested in the last two million years of earth history. Membership includes, among others, archeologists, paleoecologists, geologists, geographers, and soil scientists. The principle objective is to promote and encourage Canadian interdisciplinary Quaternary research by sponsoring scientific meetings, field trips, and the publication of learned papers. Dr. Rutter's first duties will be to aid in formulating a constitution.

Gwynn Nettler, Emeritus Professor of Sociology, has been elected Vice-President of the Pacific Sociological Association, Northern Division.

His latest book, *Criminal Careers*, will be published next year in one volume with segments appearing under separate titles in an additional four volumes. A third edition of his textbook, *Explaining Crime*, will also be published in 1982.

publications

Aunger, E.A. (Faculté Saint-Jean): *In Search of Political Stability: A Comparative Study of New Brunswick and Northern Ireland*. Montreal; McGill-Queen's University Press, 1981.

Green, L.C. (Political Science): *The Tehran Embassy Incident — Legal Aspects*. 19 *Archiv des Völkerrechts* (1980): pp. 1-22.

Human Rights and the Law of Armed Conflict. 10 *Israel Yearbook on Human Rights* (1980): pp. 9-37.

Höhn, E.O. (Physiology): *Die Schneehühner²*. (The Ptarmigans) A. Ziemsen: Wittenberg Lutherstadt, (1980).

King-Farlow, J. (Philosophy) and W. N. Christensen: *Oughts in Pure and Practical Reason*. *Metaphilosophy* 2 (1980): pp. 252-255.

Historical Aspects of the Development of Civilization: Comment. In N.E. Salonen (ed.), *The Responsibility of the Academic Community in the Search for Absolute Values* Vol. I, New York (1980): International Cultural Foundation: pp. 337-340.

Normor, C.G., and J.-P. Brodeur. Canada. In John R. Burr (ed.), *Handbook of World Philosophy: Contemporary Developments Since 1945*. Westport, Conn. (1980): Greenwood Press: pp. 329-348.

Kirman, J.W. (Elementary Education): A Probative Teacher Training Course in Landsat Imagery at The University of Alberta's Faculty of Education. *Remote Sensing Quarterly* 2 (1980): pp. 25-31.

Mitchell, J.J. (Educational Psychology): Universal factors in adolescent psychopathology. *International Journal for the Advancement of Counselling*, 3 (1980): pp. 271-284.

Adolescent Hypocrisy. *Adolescence*, Autumn (1980): pp. 730-736.

service information

All material to be included under this rubric must reach the Office of Community Relations by 9 a.m. the Thursday before the desired issue of Folio is due to appear. Such information is published according to the dictates of space available. Thus, publication cannot be guaranteed.

Coming Events

Music

Edmonton Symphony Orchestra "Master Series" 27 and 28 February. 8 p.m. Misha Dichter, piano, and Kenneth Klein, conductor. "Sunwapa Pops" 5 and 6 March. 8 p.m. Phyllis Diller with Ruben Gurevich, conductor. For ticket information for all ESO events, please call 439-2091.

Jubilee Auditorium

3 and 4 March. Two evenings of dance with the Royal Winnipeg Ballet. Tickets: Bass.

The South Side Folk Club

7 March. 8 p.m. The South Side Folk Club concert, featuring Nancy White from Toronto and Kate Woolf from California. The Orange Hall, 104 Street and 84 Avenue. Tickets: HUB and Keen Kraft Music. Club information 478-6417.

Provincial Museum

1 March. 2 p.m. Trembita Ukrainian Folk Dancers.

8 March. 2 p.m. St. John's Ukrainian School of Dancing.

SUB Theatre

3 March. 8 p.m. Offenbach in concert. Tickets: HUB, Mike's, Eaton's, Superclef Music.

7 March. 7 p.m. and 9:30 p.m. "Royal Canadian Air Farce" in concert. Tickets: HUB, Mike's, Eaton's, West Den.

8 March. 7 p.m. and 10 p.m. George Thorogood in Concert. Tickets: HUB, Mike's Eaton's, West Den.

Shadows at Waldens

Until 28 February. The Robert London Trio.

Edmonton Chamber Music Society

4 March. 8 p.m. Quadro Hotteterre presents baroque music on original instruments. Admission by season membership only. For more information please call 434-6970.

Edmonton Jazz Society

Until 28 February. 9 p.m. The Sam Rivers Quartet. Palms Cafe. 10010 102 Street. Tickets available at the door.

6 March. 7:30 p.m. and 10 p.m. Toshiko Akiyoshi/Lew Tabackin Big Band. SUB Theatre. Tickets: HUB, Mike's, Eaton's.

Edmonton Public Library

28 February and 1 March. 8 p.m. "Stringband" in concert. Centennial Library Theatre. Tickets: HUB, Woodward's.

St. Joseph's College

Monday evenings. 7 p.m. Gregorian chant choir. All welcome. St. Joseph's College Chapel. Telephone 433-1569.

Edmonton Philharmonic Society

This non-professional community orchestra has openings for strings, percussion, bassoons, oboe and tuba. For further information please call Uri Kolet at 476-2092.

Edmonton Youth Orchestra

1 March. 3 p.m. Michael Massey and the First Edmonton Youth Orchestra. Convocation Hall. Tickets: available from orchestra members, at the door or telephone 434-9112.

Films

Provincial Museum

28 February. 2 p.m. "Ernest Brown—Pioneer Photographer."

1 March. 4 p.m. and 7 p.m. "The Bear Family," "The Man Who Loved Bears."

6 March. 8 p.m. "A Bird in the House" and "Margaret Lawrence: The First Lady of Manawaka," two films presented by the National Film Board of Canada.

7 March. All day. A series of films sponsored by the 75th Anniversary Commission.

8 March. 4 p.m. and 7 p.m. "A Safe Polar Bear is a Distant Polar Bear," "Polar Bear."

SUB Theatre

27 and 28 February. 7 p.m. and 9:45 p.m. "The Rose" (1979).

2 March. 7 p.m. and 9:45 p.m. "Last Tango in Paris" (1972).

5 March. Woody Allen Double Feature. 7 p.m. "Annie Hall" (1977). *9:30 p.m.* "Love and Death" (1975).

Bergman Mini Series

11 March. 7:30 p.m. "Through a Glass Darkly" (1962).

18 March. 7:30 p.m. "Winter Light" (1962).

25 March. 7:30 p.m. "The Silence" (1963). This series is presented in conjunction with the U of A Chaplain's Association and a discussion will follow each film in the Theatre Lobby.

Edmonton Film Society

SUB Theatre

9 March. 8 p.m. "The Papal Audience" (1971).

Tory Lecture Theatre

2 March. 8 p.m. "Kiss Me Deadly" (1955).

4 March. 8 p.m. "I'm All Right Jack" (1960).

11 March. 8 p.m. "The Rebel" (1961).

Civilization Series

3 March. 12:30 p.m., 4 March 12 p.m. Civilization #13. Heroic Materialism 19th and 20th Century. L3 Humanities Centre.

Department of Germanic

Languages

4 Marz. 19:30. "Der Pfingstausflug" (1978). Eintritt frei. 17 Arts Building.

National Film Theatre

26 February. 7:45 p.m. "Ruzove Sny/Rose Tinted Dreams" (1976). *9:15 p.m.* "La Bataille d'Algers/The Battle of Algiers."

27 February 8. p.m. "Ruzove Sny/Rose Tinted Dreams." *9:15 p.m.* "For Att Inte Tala Om Alla Dessa Kvinnor/All These Women" (1964).

Edmonton Public Library

Centennial Library Theatre

28 February. 10:30 a.m. "Children's Cinema" will be presented by the Audio-Visual Division. Admission free.

2 March. 12 noon. "Brown Bag Cinema" will be presented by the Audio-Visual Division. Admission free.

4 March. 7:30 p.m. The Alberta Status of Women Action Committee, in conjunction with the Edmonton Public Library and the National Film Board, will present four films about women. Admission free.

National Film Board of Canada

Daily. 12 noon and 1 p.m. A varied program of films will be offered, giving the general public the chance to see new and old films. On Mondays,

Wednesdays and Fridays the films will be in English, and on Tuesdays and Thursdays in French. Programs will be available at the door and admission is free. For further information please call 420-4010.

Theatre

Citadel Theatre

Shoctor Stage

Until 8 March. "The Miser" by Molière.

Rice Stage

Until 5 March. "A Day In The Death of Joe Egg" by Peter Nichols. Theatre Box Office: 425-1820.

Theatre Network

Until 28 February. "Gramsci" by Wilfred Watson. For times and ticket information please call 474-6111.

Exhibitions

Edmonton Public Library

Foyer Gallery

Until 28 February. "Notes on an Iris" an exhibition of printmaking by Lily Yung.

4 to 31 March. "I'm Talking to You and Other Works," an exhibition of paintings by Edmonton artist David Vereschagin.

Photography Gallery

Until 28 February. "Informal Portraits" will feature work by Edmonton photographer Eleanor Lazare.

4 to 31 March. "Bits and Pieces of Dominance" photo sequences by Dennis Wall.

University Special Collections

"Aspects of Quebec: 1618-1975." This new display can be seen in B37 Cameron Library. The hours are Monday to Thursday 8:30 a.m. to 6 p.m., Friday 8:30 a.m. to 5 p.m. and Saturday 12 noon to 5 p.m.

Provincial Museum

Until 3 March. "Birds of Prey." An exhibition of watercolor paintings by American bird artist Louis Agassiz Fuertes. Feature Gallery #1.

Until 31 March. "Ukrainian Religious Architecture." An exhibition of black and white photographs by Orest Semchishen. Orientation Gallery.

Until 30 March. "Minerals, Metals and Man." A travelling exhibition produced by the National Museum of Natural Sciences, showing man's use of minerals. Feature Gallery #3.

Until 20 April. "Thank You," a new, permanent exhibit that will feature recent, unusual and interesting acquisitions of the Museum. East Alcove.

Through March. "The Inuit." Eskimo artifacts from the collection of the Provincial Museum. Ethnology Feature Gallery.

3 March. "The Herbarium of Louis XIV." An exhibition of fifty 17th century copperplate etchings from the Musée du Louvre. Auditorium Foyer.

3 March. "Bears of Canada." An exhibition featuring black, grizzly and polar bears. East Alcove. (A series of lectures and films will accompany the exhibit. See lectures and films columns).

Students' Union Art Gallery

8 March. 10 a.m. to 4:30 p.m. "Women in Visual Art" a supportive feminist workshop. For more information please call 432-4547.

Until 15 March. "Four Figurative Artists from Ontario" an exhibition of paintings and sculpture. Gallery hours: Monday-Friday, 11 a.m. to 5 p.m. Saturday and Sunday, 1 p.m. to 5 p.m.

Latitude 53 Society of Artists

Until 15 March. An installation of drawings, paintings and painted sculpture by Edmonton artist Leslie Sharpe. 9749 111 Street.

Ring House Gallery

Until 1 March. "Tommie Gallie/In Place" a sculptural exploration of the Gallery's space.

Until 22 March. Rhythms and Reflections: contemporary tapestries by Carla Costuros" an exhibition of weaving. The artist will be present at the opening on 19 February at 8 p.m.

Shadows at Waldens

Until 28 February. "Marks on Field" an exhibition of photography by Gerald Hushlak.

Multicultural Heritage Centre

Until 1 March. "Fibre Art '80." An exhibition from the Alberta College of Art, Calgary.

Settlers' Cabin a "living museum" of pioneer and ethnic crafts.

Handicraft Store features work by local artisans.

Library and Archives with pioneer photographs, tapes and maps.

Homesteaders' Kitchen serves lunch daily (except Mondays) noon to 2 p.m., coffee and dessert 2 p.m. to 4 p.m., and soup and dessert Thursday evenings until 7:30 p.m.

Until 6 March. "Danish Fastelavn" (mardigras or carnival) a special children's program. By special bookings only.

28 February 6:30 p.m. Ukrainian dinner and dance.

The Heritage Centre is located at 5411 51 Street, Stony Plain. Telephone: 963-2777.

Provincial Archives

Until 1 March. "Best in the West: Advertising in Alberta" will feature advertising techniques and devices fashionable in Alberta's past. 12845 102 Avenue.

Rutherford House

The restored home of Alberta's first Premier is open to visitors Monday to Friday 9 a.m. to 5 p.m., Saturday and Sunday 12 noon to 6 p.m. Group tours may be arranged by calling 427-5708 at least one week in advance.

Alberta Natural Resources Science Centre

The Centre consists of six permanent pavilions with displays that describe and interpret how Alberta's natural resources are put to use. Opening hours are Saturdays and Sundays from 11 a.m. to 5 p.m. School tours are available Monday to Friday. Admission and parking are free. The Centre is located east of Edmonton at the new Strathcona Science Park. For further information and bookings phone 427-9490.

Until 1 March. "The Audiences of the Moon" an exhibition of photographic prints of the lunar surface.

Beaver House Gallery

Until 13 March. "Playful Objects" an exhibition of "fun" arts and crafts items. 10158 103 Street. Gallery hours: 8:30 a.m. to 4:30 p.m. Monday to Friday.

Lectures and Seminars

Jubilee Auditorium

26 February, 8 p.m. "Creation vs Evolution" a debate with D. Gish, Institute for Creation Research, San Diego, and R. Fox, Departments of Geology and Zoology, University of Alberta.

Canadian Institute of Ukrainian Studies

2 March, 12 noon. V. Markus, Loyola University of Chicago, will present a seminar entitled "Observations on the international legal status of Soviet Ukraine." 352C Athabasca Hall.

The Centre for the Study of Postsecondary Education

2 March, 3:30 p.m. H.D. Purcell, Institut für Englische Sprache und Kultur, Vienna, will speak about "Governance issues in Austrian tertiary education." 2-135 Education North.

Chemistry Colloquium

2 March, 8 p.m. "Oxygen Isotope and Chemical Exchange Between Sea Water and the Ocean Floor: Temperature and Timing" will be discussed by K. Muehlenbachs, Department of Geology, E1-60 Chemistry Building.

Division of East European Studies

3 March, 3:30 p.m. I.L. Rudnitsky will speak about "Eastern Europe and the Problems of 'Historical' and 'Non-Historical' Nations." 311 Athabasca Hall.

Department of Computing Science

3 March, 7:30 p.m. "History of the development of High Level Languages" will be presented by Captain Grace M. Hopper, USNR, E344 Chemical and Mineral Engineering Building.

Edmonton Bicycle Commuters

3 March, 7:30 p.m. A cycling expert will talk about and demonstrate the facts to consider for bike selection.

McKernan School, 114 Street and 76 Avenue.

Alberta Climatological Association

26 February, 8 a.m. (Registration). "The Impacts of Climate Fluctuations on Alberta's Resources and Environment" will be discussed at the morning session. After lunch the Annual Business Meeting will be followed by reports from various agencies engaged in programs related to climatology. TB-87 Tory Building.

The Ukrainian Professional and Business Club of Edmonton

The 1981 Shevchenko Lecture
3 March, 8 p.m. "Church and State in Kievan Rus-Ukraine" will be discussed by V. Markus, Loyola University of Chicago. 2-115 Education North.

Technocracy Inc.

3 March, 8 p.m. W. Fryers will present "The only positive alternative—Technocracy." Rocking Chair Lounge, HUB Mall.

Theoretical Physics Institute

4 March, 3:30 p.m. "An Improved Standard Cosmology" with P.S. Wesson. P631 Physics Building.

Provincial Museum

"Of Bears and Men" Lecture Series

4 March, 8 p.m. G. Kemp, Alberta Fish and Wildlife, speaks on Black Bears.

11 March, 8 p.m. Polar Bears will be discussed by I. Stirling, Canadian Wildlife Service.

Department of Botany

4 March, 4 p.m. "An ecophysiological look at several populations of *Arctostaphylos* (Bearberry) in the Kananaskis Valley" with H. Dudynsky. Coffee at 3:30 p.m. M-149 Biological Sciences Building.

11 March, 4 p.m. R. Whitkus will present "A taxonomic investigation of the *Carex macluriana* complex (Cyperaceae) for Western Canada and Alaska. Coffee at 3:30 p.m. M-149 Biological Sciences Building.

St. Joseph's College

Newman Centre

Understanding Catholicism

4 March, 7 p.m. to 9 p.m. "The Eucharist" with Fr. B. Glendinning. For further information please call 433-2275.

11 March, 7 p.m. to 9 p.m. "Catholic Moral Principles" with Fr. J. Gallagher. For further information please call 433-2275.

Department of Classics

5 March, 4 p.m. "Discussions about the *Vase françois*" with J. Fortier, Faculté Saint-Jean. 1-8 Humanities Centre.

Department of Entomology

5 March, 4:30 p.m. W.B. Barr will speak about "Silk and attachment of *Simulium vittatum* (Diptera: Simuliidae) larvae." Coffee at 4 p.m. 62 Athabasca Hall Annex.

Guild for Mediaeval and Renaissance Studies

5 March, 8 p.m. "The Bard in French—William Shakespeare and Victor Hugo" will be discussed by N. Bonvalet. 2-58 Tory Building.

East European Studies

6 March, 11 a.m. "Recent events in Poland and their potential influence on Soviet workers" will be presented by T. Friedgut of the Hebrew University in Jerusalem. 311 Athabasca Hall.

Department of Political Science

6 March, 1:30 p.m. T. Friedgut will discuss "Soviet involvement in the Middle East." 10-4 Tory Building.

Department of Art and Design

6 March, 2:30 p.m. Panel discussion: "Some essentials in the teaching of drama." L-1 Humanities Centre.

Department of Zoology

6 March, 3 p.m. D. Davidson, University of Utah, will present "Myrmecochory in some common plants of the Australian arid zone." 345 Agriculture Building. Refreshments to follow in CW-410 Biosciences at 4 p.m.

Department of History

6 March, 3:05 p.m. A.L. Moote, University of Southern California, will give a lecture entitled "King of the Three Musketeers: Louis XIII, Myth and Reality." 2-58 Tory Building.

Chemistry Seminar

9 March, 11 a.m. " η^5 -arene- η^5 -cyclopentadienyl iron cations and their potential use in synthesis," by R.G. Sutherland, University of Saskatchewan. V107 Chemistry-Physics Building.

SUB Art Gallery

9 March, 12 noon. Trinidadian poet Calire Harris will read her work, and May Diver will read the Bloom soliloquy from "Ulysses" by James Joyce.

Social Science Dining Club

9 March, 6 p.m. "The Future of Social Sciences and Humanities at The University of Alberta" will be presented by M. Horowitz. Saskatchewan Room, Faculty Club. Registrations to 432-5234 by 2 p.m. on 6 March.

Population Research Laboratory

10 March, 2 p.m. "1981 Census of Canada" by J. Podoluk, Statistics Canada. 14-6 Tory Building. To register call 432-4659.

Department of Biochemistry

10 March, 4 p.m. T. Harrison, University of Glasgow, will discuss

"Detection of the herpes virus Genome in neurological tissue." 2-31 Medical Sciences Building.

Department of Religious Studies

11 March, 4 p.m. "The Devil, The Jews and the Mediaeval Christian Mind" by M. Morgan. L-2 Humanities Centre.

Faculty Women's Club

11 March, 12 noon. The Spring Luncheon will feature guest speaker J. Henry who will address the gathering on "Inuit and Indian Folk Literature for Children." Faculty Club. Tickets: I. Barker, 434-0569; C. McKill, 437-5467; D. Ayer, 439-0853.

Department of English

4 March, 12 noon. M. Brown, University of Washington, will discuss "Irish political history and literature." L-3 Humanities Centre. Co-sponsored by the Department of History.
4 March, 4 p.m. "A computerized literary information database in the making" will be presented by B. Chaudhuri. L-3 Humanities Centre.
9 March, 4 p.m. R. Wilson will speak about "The Golden World re-shaped: some preliminary problems." 5-20 Humanities Centre.
12 March, 4 p.m. "The meaning of disappointment in *Northanger Abbey*" by R.J. Merrett. Boardroom. 5-20 Humanities Centre.

Student International Meditation Society

Wednesdays, 12 noon. Introductory lectures on the Transcendental Meditation program. Everyone welcome. 280 SUB.

Radio and Television

Department of Radio and TV

28 February, 7 p.m. University concert Hall: Recital by the Faculty of Music.
2 March, 7 p.m. Legal Maze: Labor Law.
3 March, 7 p.m. Epicycle: Sport as Religion.
4 March, 7 p.m. Voiceprint: Ukrainian Language and Literature. All programs on CKUA Radio (580AM/95FM).

CBC Stereo "Ideas" Series

"Between Two Ages"

2 March. "Remembering the 1960s."
9 March. "The Decline of Politics."
16 March. "Convergence of Physics and Mysticism."
23 March. "Feminism and the End of Patriarchy."
30 March. "A new Heaven and a New Earth."

The Political Economy of Energy

3 March. "Energy and the Free Market."
10 March. "The Canadian Energy Problem."
17 March. "Nuclear Power: Safety Is Not the Only Issue."
24 March. "The Alternative: Conservation and the Renewables."
31 March. "The Political Economy of Energy."

Notes on a New World: Diplomacy and Strategy in the 1980s
4 March. "Illusions of Power Simplicity and Order: 1945-1968."
11 March. "The Exploitation Outwards of Powers 1968-1979."
18 March. "1980: Forces in Play."
25 March. "The Mechanics of Diplomacy."
1 April. "The 1980s: Living with Uncertainty."
Unmasking Medicine
5 March. "The Rhetoric of Medicine" and "The New Magicians."
6 March. "Suffer the Little Children."
12 March. "If I Were You, Mrs. B. . . ." and "The Doors of Mental Illness."
13 March. "Let's Kill All the Lawyers."
 All programs begin at 8:04 p.m.

Sports

Golden Bears and Pandas
27 and 28 February. 8:30 p.m.
 Basketball vs Victoria. Main Gym.
6 and 7 March. All day. Track and Field. (CWUAA Championships). Kinsmen Fieldhouse.

Non-Credit Courses

Faculty of Extension

Advanced Workshops in Teaching English as a Second Language
Date: 28 February (Writing); 14 March (Pronunciation); 28 March (Oral Activities); 11 April (Conversation); 25 April (Recognizing and Correcting Errors); 9 May (Beginning ESL Students). **Time:** 9 a.m. to 12 noon. **Fee:** \$15 per workshop. **Class limit:** 25. **Telephone:** 432-2497, 432-3036.

Sexual Attitude Reassessment: A Seminar Designed for Helping Professionals and Other Interested Persons
Date: 28 February 9 a.m. to 9 p.m. and 1 March 9 a.m. to 4:30 p.m. **Class limit:** 40. **Fee:** \$65. **Telephone:** 432-5069.

Transition Process to Management
Date: 2 March. **Fee:** \$95. **Telephone:** 432-5066/7. This seminar is presented in cooperation with the Association of Administrative Assistants (Edmonton Branch).

Sexual Counselling Seminar
Date: 4 March for 4 Wednesdays. **Time:** 7 p.m. to 10 p.m. **Fee:** \$35. **Class limit:** 36. **Prerequisites:** Attendance at a Sexual Attitude Reassessment seminar or a similar sexuality workshop. **Telephone:** 432-5069.

Convictions, Challenges and Compromises: Women in Management
Date: 5 and 6 March. **Fee:** \$145 including materials and luncheons. **Telephone:** 432-5066/7.

Administration of the Collective Agreement
Date: 6 March. **Time:** 9 a.m. to 4:30 p.m. **Fee:** \$95 including materials and luncheon. **Telephone:** 432-5066/7.

Commercial Law Seminars The Law of Sale of Goods and Consumer Protection
Date: 6 March. **Class limit:** 30. **Fee:** \$60 including lunch. **Telephone:** 432-5532.

Secured Transactions
Date: 13 March. **Class limit:** 30. **Fee:** \$60 including lunch. **Telephone:** 432-5532. (Attendance at both seminars: \$100).

Organizing for Public Action
Date: 12 to 14 March. **Class limit:** 50. **Fee:** \$35. **Telephone:** 432-3033. (Co-sponsored by the Federation of Junior Leagues of Canada)

Computing Services Client Training Sessions
 Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. For further information, please telephone Information Services at 432-2463 or come to 319 General Services Building.

Introduction to Computing
Course number: 386. **Date:** 5 March. **Time:** 7 p.m. to 9 p.m. **Fee:** \$5. **Prerequisites:** None. **Place:** 351 General Services Building.

Introduction to Plotting
Course number: 390. **Date:** 5 March, 3 p.m. to 5 p.m.; 9 March, 1:30 p.m. to 4:30 p.m. **Fee:** \$10. **Prerequisites:** Fortran, basic MTS and Editor commands. **Place:** 328 General Services Building.

Introduction to PLATO
Course number: 393. **Dates:** 3, 5, 10, 12, 17, 19, 24, 26 March. **Time:** 3 p.m. to 5 p.m. (Course number 394 will take place on the same dates, but from 7 p.m. to 9 p.m.) **Fee:** \$40. **Place:** 361 General Services Building.

Faculty of Dentistry Division of Continuing Education
 The following courses will take place during the months of March and April.
13 and 14 March. (Calgary). Development of facial anatomy.
28 March. Removable prosthodontics (Didactic) Part II.
4 April. (Medicine Hat). Dental office emergencies and their management.
11 April. Temporomandibular joint syndrome.
18 April. (Red Deer). Dental office emergencies and their management.
 For more information, please call 432-5023.

Students' Union Art Gallery
 The Art Gallery is offering a

series of weekend workshops. For further information please call the Gallery office at 432-4547 or the HUB Textile Studio at 432-3061.

Devonian Botanic Garden
 Classes in gardening botanical illustration, natural dyes, cooking, beekeeping, flower arrangement. Also: ski tours and bird watching sessions. Nominal fee. **Telephone:** 987-3054.

Royal Alexandra Hospital Division of Continuing Medical Education
12 and 13 March. "What's New In Internal Medicine." This program has been approved for 12 study credits by the College of Family Physicians. For more information contact Room 1240, Royal Alexandra Hospital, 10240 Kingsway Avenue, Edmonton, T5H 3V9.

YMCA of Edmonton Lifestyle Programs
 All workshops will take place from 9 a.m. to 4 p.m. in the Vimy Room, Montgomery Legion, 10030 103 Avenue.

Notices

McCalla Research Professorships
 Applications are invited from eligible faculty members in the Faculties of Dentistry, Extension, Graduate Studies and Research, Home Economics, Law, Library Science, Medicine, Nursing, Pharmacy and Pharmaceutical Sciences, Rehabilitation Medicine; Faculté Saint-Jean, and Interdisciplinary Studies for the above named professorships. Up to three McCalla Research Professorships may be awarded to provide staff with released time from teaching duties during a nine-month period beginning September 1981. The purpose of the Research Professorships is to allow faculty time to concentrate on research projects.

For 1981, proposals must be submitted by 13 March. Each proposal should contain the following:

1. *Curriculum vitae*, including the faculty member's research record;
2. A one- to four-page outline of the research planned for the duration of the Professorship (bear in mind that the Committee will be composed of representatives of the Faculties concerned and, therefore, not completely familiar with your specialty); and
3. Give notice of any ethical clearances that may be required.

In addition, a statement from an applicant's Dean or Chairman concerning anticipated replacement costs should accompany the submission.

For further information, please refer to your Dean of Department Chairman.

Submissions should be sent to: A.E. Zelmer, Associate Vice-President (Academic). Chairman—Small Faculties McCalla Professorships

Life Goals Development for Women

Date: 28 February. **Fee:** \$45.

Time Management

Date: 7 and 8 March. **Fee:** \$125. For further information on these programs call 452-8340.

John Janzen Nature Centre

Several courses are offered on the making of Parkas, Mukluks, and Mittens; Winter Bird Behavior; Bees and Beekeeping; Home Energy Savings; Snowshoeing; Tracking and Stalking Skills; etc. For further information, write to The John Janzen Nature Centre, Floor 10, CN Tower, Edmonton, Alberta T5J 0K1, or telephone 434-7446.

Credit Course

Division of East European Studies Travel-Study Course in Poland and Yugoslavia
Course Number: INT.D. 446. **Date:** 6 July to 14 August. **Maximum enrolment:** 20. **Further information:** 300 Athabasca Hall or telephone 432-3230.

Committee, 3-4 University Hall by 13 March 1981.

Graduate Students Needed

Graduate students on campus are needed to assist, on an "on call" basis, disabled students. If you are interested in helping a person in getting about the University in a wheelchair or in writing examinations, please contact the Office of Student Affairs at 432-3483.

Support for the Advancement of Scholarship The University of Alberta Endowment Fund

Eligible faculty members in Faculties of Extension, Home Economics, Law, Library Science, Nursing, Faculté Saint-Jean, Interdisciplinary Studies, and Librarians.

This fund will be used to facilitate scholarship in the humanities and social sciences and various applied areas. Funds may be used to make possible released time from the teaching of one or more courses or equivalent, certain kinds of travel and equipment purchases and other activities supportive of scholarly activities.

Proposals will be reviewed by an Advisory Committee and submitted to the Vice-President (Academic). Proposals should be submitted in writing; each should be accompanied by a letter from the Dean of the Faculty, indicating that the arrangements for released time (if any) have been approved and that appropriate ethical reviews have been carried out.

For the first year no proposals involving an expenditure of more than \$5,000 will be considered.

Deadlines for submissions in 1981

are as follows: 6 March; 29 May; and 11 September 1981. Future dates will be announced later. (The Committee will meet quarterly to consider proposals).

Proposals should be sent to: Dr. A.E. Zelmer, Chairman, Small Faculties Support for the Advancement of Scholarship Committee, 3-4 University Hall.

Canadian Institute of Ukrainian Studies

Anyone wishing to make representations to the Review Committee for the Director of The Canadian Institute of Ukrainian Studies, Dr. M.R. Lupul, is invited to contact the Chairman of the Committee, G.S.H. Lock, by 10 March. Dean Lock may be reached at 1-9 University Hall, telephone 432-2551.

Fitness for the Older Adult

Participants required for six, one-hour sessions Tuesdays and Thursdays at 9:45 a.m. to 10:45 a.m. in the Main Gym, Physical Education Building, The University of Alberta. Starting 10 March 1981, the sessions will be conducted by Dr. Art Burgess. Each program will be videotaped for broadcast on television to provide instruction and encouragement for seniors not active in a fitness program at the moment. To register: telephone Judy or Ken, Department of Radio and Television at 432-4962.

Chaplains' Association Worship Schedule

Through the campus ministries of The University of Alberta Chaplains' Association, several opportunities exist weekly for worship. The following schedules are in effect for this term.

Catholic Campus Ministry
Mass Schedule at St. Joseph's College: Monday, Wednesday and Friday at 7:30 a.m., 12:10 p.m. and 4:30 p.m.; Tuesday and Thursday at 7:30 a.m., 12:30 p.m. and 4:40 p.m.; Saturday at 12:10 p.m. and 4:30 p.m.; Sunday at 9:30 a.m., 11:00 a.m., 4:30 p.m. and 8:00 p.m.

Christian Reformed Chaplaincy
Worship each Sunday at 10:30 a.m. in the Heritage Lounge of Athabasca Hall.

Lutheran Campus Ministry
Worship each Sunday at 10:30 a.m. in Room 158 of the Students' Union Building and each Tuesday at 7:30 p.m. at the Lutheran Student Centre, 11122 86 Avenue.

University Parish (Anglican, Presbyterian and United). Worship each Thursday at 5 p.m. and each Tuesday a lunch and devotional time at noon in 158 SUB.

Faculty of Science Award for Excellent Teaching

The Faculty of Science annually recognizes its outstanding teachers by conferring the "Faculty of Science Award for Excellent Teaching." Only one award is given each year and

previous recipients will be excluded from further competition. Each Department, through its Chairman, may nominate one person each year. Moreover, any group of ten undergraduate students in the Faculty of Science may submit nominations for the award to Dr. J.L. Mahrt, Office of the Dean of Science, Chairman of the Award Selection Committee, which consists of four academic staff and four undergraduate students.

Nominations are hereby invited for this award and should be submitted no later than 10 March 1981. Nominees should have held a professorial appointment in the Faculty for at least ten years and should have a reputation among their colleagues and students for excellent teaching.

Selection Committee for Chairman of the Department of Computing Science

A vacancy exists on the above selection committee for one faculty member, not a member of the department concerned. Would those persons who are interested in serving on this Selection Committee, or who have suggestions for nominations, please contact the Secretary of the Nominating Committee, P. Plaskitt at 2-1 University Hall, telephone 432-4715. A very brief vita should accompany any nomination.

Committee for the Improvement of Teaching and Learning (CITL)

CITL invites you to a wine and cheese reception in University House on Friday, 27 February 1981, from 4 to 6 p.m.

During Reading Week (23 to 27 February) CITL has organized a number of workshops to be given by prominent authorities and researchers on several issues relating to university teaching and its improvement.

These activities during Reading Week, a full list of which are published in *Folio*, bring to a climax the work of CITL in organizing a trial program of seminars and workshops during the 1980-81 academic year. The program will continue for the 1981-82 year.

You are cordially invited to meet members of CITL and Ab Moore at the wine and cheese reception. Dr. Moore of The University of Guelph is widely regarded as one of the leading authorities on university teaching in Canada, and has conducted numerous workshops in Canada and overseas.

R.S.V.P. to John Laing, CITL Secretary, 2-1B University Hall 432-4733.

CITL Seminars in the Improvement of University Teaching

The GFC Committee for the Improvement of Teaching and Learning has organized a program of workshops and seminars on improving university teaching, with the first presentation

given on 17 February and the last scheduled for 18 March. A schedule follows:

1. "How to use well-defined teaching objectives to improve teaching," with A. Dean (Industrial and Vocational Education). 17 February.
2. "An introduction to individualized instruction in university teaching," with S. Therrien (Elementary Education). 18 February.
3. "Use of audio-visual media for more effective teaching," with E. Rankin and D. Engle (Secondary Education). 19 February.
4. "Some reservations on the technologizing of instruction—a humanistic approach to university teaching," with J. Osborne (Educational Psychology). 3 March.
5. "What makes students learn—a look at motivation," with W. Hague (Educational Psychology). 4 March.
6. "How students learn—implications for the university teacher," with R. Short (Educational Psychology). 5 March.
7. "Lectures and how to improve them," with H. Janzen (Educational Psychology). 9 March.
8. "Evaluation of teaching—how to use it to improve teaching," with A. Konrad (Educational Administration). 12 March.
9. "An introduction to PLATO—computer-assisted instruction programs at The University of Alberta," with M. Szabo (Computing Services). 18 March.

All seminars, with the exception of No. 3 which will begin at 1 p.m., will last from 2 p.m. to 4:30 p.m. Each will be limited to twenty participants and no fee will be levied for attendance. For registration, please contact Gary Kelly, Chairman CITL, in the Department of English. For more detailed information about a particular seminar, please refer to the individual presenter.

CITL Workshops

In addition to the seminars listed above, the Committee for the Improvement of Teaching and Learning has arranged the following workshops. People interested should request an application form from their department heads.

1. "Improving teaching through consultation." A two-day workshop conducted by a team from the University of Minnesota. 23, 24 February.
2. "Class discussion of textual material." Morning and afternoon sessions with Ab Moore of the University of Guelph. 27 February.
3. "Enhancing lecturing skills." A full-day workshop with Ab Moore. 28 February.
4. "Alternative teaching methods." A two-day workshop conducted by Dean Osterman, Oregon State University. 6, 7 March.

President's Advisory Committee on Campus Reviews

As part of the process of carrying out

systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews, the Department of Romance Languages is completing the self-study phase of the review process. The other major phase of the process is the site visit and assessment by the Unit Review Committee. In preparation for this second phase, PACCR invites written comment from any member of the University at large. Submissions are for the use of the Unit Review Committee and will be held in confidence by members of that committee. Submissions marked for "Unit Review Committee, Department of Romance Languages" should be sent to the PACCR Coordinator, Florence Watters, 3-24 University Hall, before 9 March 1981.

Surplus Equipment

The equipment appearing in this column is available only to University Departments with University Administered Funds. For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, contact Bonnie O'Dwyer or Roy Bennett, telephone 432-3208.

One balance (Sartorius) Model 1106.

For further information, please contact Dr. Weiner at 432-2558.

Positions Vacant

Administrative/Professional Officer, Examinations and Timetabling Division, Office of the Registrar

The Office of the Registrar invites applications for the position of Timetable, Examinations and Calendar Analyst. The incumbent is responsible for the design and maintenance of information processing systems for collecting, recording, processing and producing information related to the production of calendars, sessional timetables, examination schedules and the allocation of centrally scheduled classroom space.

Using tools of systems analysis, the incumbent examines present methods and suggests changes in such areas as system design, workflow, priorities, system hardware and software, staffing, etc. There is considerable scope for the exercise of initiative and imagination.

Qualifications preferred are a University degree and some administrative experience. The ability to write GIS programs would be an asset but candidates with a sufficient knowledge of computer systems that would permit them acquiring GIS programming skills are encouraged to apply.

The salary range for this APO position begins at \$19,040. Actual starting salary within the range will be commensurate with qualifications and experience.

Interested persons should submit résumés to: Dr. W.A. Blanchard, Registrar, Office of the Registrar, 201 Administration Building, The University of Alberta, Edmonton, Alberta, T6G 2M7. The University of Alberta is an equal opportunity employer.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 20 February 1981.

Clerk Typist II (\$830.15-\$991.42)—Personnel Services and Staff Relations; Secondary Education
Purchasing Clerk I (\$861.22-\$1,030.83)—Purchasing
Clerk Steno II (\$861.22-\$1,030.83)—Secondary Education; Economics; Industrial and Vocational Education; Animal Science; Extension
Senior Clerk (\$893.47-\$1,069.05)—Parking Services
Senior Financial Records Clerk (\$922.13-\$1,109.66)—Rural Economy
Data Entry Operator I (\$922.13-\$1,109.66)—Administrative Services
Clerk Typist III (\$922.13-\$1,109.66)—Soil Science; Pharmacy (Trust);

Department of Medicine; Purchasing; Civil Engineering
Purchasing Clerk II (\$922.13-\$1,109.66)—Purchasing
Clerk Steno III (\$959.16-\$1,157.44)—Pharmacy; Faculty of Medicine; Computing Science; Legal Resource Centre; Zoology; Electrical Engineering
Admission Records Trainee (\$959.16-\$1,205.22)—Office of the Registrar
Clerk Steno III (\$479.58-\$578.72, half-time)—Secretariat
Accounts Clerk (\$991.42-\$1,205.22)—Office of the Comptroller.
Data Entry Operator II (\$991.42-\$1,205.22)—Sociology
Assistant to the Buyer (\$1,030.83-\$1,257.77)—Purchasing
Secretary (\$1,069.05-\$1,309.14)—Restorative Dentistry
Medical Records Librarian I (\$1,069.05-\$1,309.14)—Cardiology (Trust/Term to Aug. '81)
Data Entry Supervisor (\$1,157.44-\$1,423.81)—Computing Services
Senior Accounts Clerk (\$1,205.22-\$1,484.74)—Office of the Comptroller
Technician I (\$641.43-\$785.48)—Medicine (Part-time) (Term Trust)
Laboratory Assistant II (\$861.22-\$1,030.83)—Provincial Laboratory (3 positions)
Building Services Worker II (\$959.16-\$1,157.44)—Physical Plant (Building

Services)
Technician I (\$1,069.05-\$1,309.14)—Devonian Botanic Garden: Computing Services
Civil Engineering Technician I (\$1,069.05-\$1,309.14)—Civil Engineering
Technician I/II (\$1,069.05-\$1,484.74)—Mineral Engineering (Trust)
Draftsman I (\$1,109.66-\$1,365.29)—Design and Construction
Engineering Technologist I (\$1,157.44-\$1,423.81)—Physical Plant (Energy Management)—(Term); Physical Plant
Laboratory Technologist I (\$1,205.22-\$1,484.74)—Provincial Laboratory
Technician II (\$1,205.22-\$1,484.74)—Pathology
Chemical Technologist I (\$1,205.22-\$1,484.74)—Home Economics
Research Assistant (\$1,309.14-\$1,617.07)—Cardiology (Trust)
Nurse (\$1,309.14-\$1,617.07)—University Health Service
Electronics Technician II/III (\$1,309.14-\$1,843.07)—Physics
Technologist II (\$1,365.29-\$1,690.17)—Zoology
Biology Technician III (\$1,365.29-\$1,690.17)—Genetics
Biology Technologist II (\$1,365.29-\$1,690.17)—Genetics
Photographer IV (\$1,365.29-\$1,690.17)—Pathology
Technologist II/III (\$1,365.29-\$1,924.31)

—Biomedical Engineering (Trust)
Engineering Technologist III (\$1,484.74-\$1,843.07)—Design and Construction
Programmer/Analyst II (\$1,484.74-\$1,843.07)—Office of the Registrar
Electronics Technician III (\$1,484.74-\$1,843.07)—Psychology; Biomedical Engineering
Technologist III (\$1,550.43-\$1,924.31)—Biomedical Engineering (Trust)
Engineering Technologist IV (\$1,690.12-\$2,101.07)—Physical Plant (Energy Management)
Programmer/Analyst III (\$1,763.03-\$2,195.45)—Computing Services (2 positions); Psychology
Programmer/Analyst IV (\$2,101.07-\$2,629.04)—Office of Administrative Systems
Controls Fitter (\$2,312.27/month)—Physical Plant (Maintenance)

The following is a list of currently available positions in The University of Alberta Libraries. The bulletin Board in the Cameron Library—Room 512 should be consulted for further information as to availability and position requirements.

Library Clerk III (\$893.47-\$1,069.05)—Catalogue
Library Assistant I (\$959.16-\$1,157.44)—Selections; Education Library

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an alteration is made.

Accommodations available

For rent—Greenfield. Three bedroom furnished house. July 1981 - July 1982. Phone 435-5488.
For sale—Grandview. Tall trees, smooth lawns mark this area of distinction. Light, airy architectural, two storey. Excellent mortgage, \$97,000 (11%). Earl Scoville 436-4488 res. 436-5080 A.E. Lepage (Prairies) Ltd.
For rent—Aspen Gardens. Furnished, four bedroom house, double garage. Professional couple, non-smokers. One year lease. August 1981 - August 1982. 436-8150.
For sale—Four bedroom Perry home. Many custom extras. Greenfield. Exclusive listing! Joyce Byrne 435-6064, Spencer Real Estate 436-5250.
For sale—Three bedroom home, 1,350 sq. ft. Park location, Parkallen. Denise Rout 432-7398, Joyce Byrne 435-6064, Spencer Real Estate 436-5250.

For sale—Garneau condominium. Two bedrooms, large assumable mortgage. \$79,900. Denise Rout 432-7398, Spencer Real Estate 436-5250.
For sale—Malmo. Four blocks from Southgate. By owner. 1,225 sq. ft. McConnell bungalow. Franklin fireplace. Bath and half. Double garage. Many special features. \$115,000. No agents. Phone 434-4669.
For rent—Furnished family home, available 1 May to 15 August (flexible). Non-smokers only. Ten minute bike ride from University. Call 432-4621 or 437-4029.
For sale—Belgravia. Three bedroom, semi-bungalow, basement completed. Beautiful yard. \$106,900. Eva 437-5603, Spencer Real Estate 436-5250.
For rent—Modern three bedroom bungalow, partially furnished, couple or family, no pets, non-smokers. Available 15 July 1981 to 1 August 1982. Petrolia. 435-6298.
For sale—\$54,000 Martin Estates bungalow on quiet, tree-lined avenue. Close to bus, church and school. Qualifies for Alberta home mortgage. Enquiries—June Hill, MacAulay Nicholls Maitland 483-7017, 488-0620.
For rent—From 1 August 1981 to 1 April 1982, fully furnished, four bedroom house in Mill Creek, four 432-9293 (work) or 433-4867 (home).
For rent—Malmo. Furnished, three bedroom bungalow, 2½ baths, two fireplaces, attached garage, finished basement. Close to Southgate, buses,

facing park. Available May 1981-August 1982. References. \$800/month. 435-2056.
Mature male or female wanted for comfortable co-op house. North Garneau. 439-3619.
For rent—Two bedroom, modern apartment, five appliances, parking, near University. Six months minimum. Responsible persons only. Evenings, weekend 436-1897.

Accommodations wanted

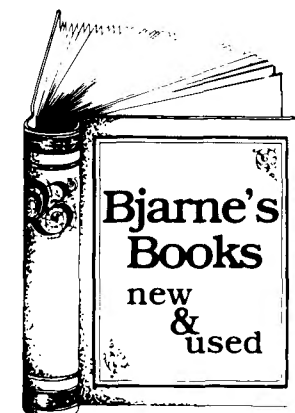
One bedroom, unfurnished suite in Windsor Park area by female, fourth year geophysics student, non-smoker, quiet, to be occupied at a mutually agreed time. Phone Carla 433-0263.
Responsible married couple would like to rent a small home with appliances or home of professor on sabbatical. 453-6130, 488-7493.

Automobiles and others

1974 Cougar XR7, well maintained, many extras, A/C Cibies, tilt, tape, \$2,900. 432-5472, 465-5517.

Goods for sale

Antiques: Period furniture, china, glass, silver, brass, cloisonné, estate jewellery, spoons, object d'art, collectibles. 1 - 4:30 p.m. Mary Goulden Antiques. 10437A 142 Street. 453-2008.
Oil portraits on canvas from photographs or sittings. BFA graduate. \$125 and up. 433-1636.



10005 - 82 Avenue
439-7133

How-to-Books, Famous Author Fiction, Old and Out of Print, Children's Books, Cookbooks, Travel, World War II, Meta-physical Books, and general Non-Fiction.

Winter Business Hours:
Tues. & Wed. 1-5:30 p.m.
Thurs. & Fri. 1-9 p.m.
Sat. 9:30 a.m.-5:30 p.m.

Services

Donnic Typing Services Ltd. Specializing in word processing. 301A 10454 Whyte Avenue. 432-1419.

Kozak Business Services: Complete typing service available. Student discount. #305, 9924 106 Street. 423-3068, 483-6075.

Painting, interior/exterior. Calico Decorators. Quality workmanship. References. Free estimates. 436-6239. Singing teacher, Eileen Turner. 439-4661.

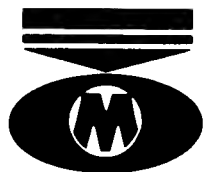
Typing service—Research papers, theses, term papers, etc. 435-5224. Reliable Typing Services, theses, reports, correspondence, etc. Phone 455-6024 evenings.

Typing on word processor. Call Darlene. 452-1074.

Tailoring. Men's and women's alterations. Tim Liu. 487-3053. 8903 180 St. Competent proof reading, editorial services available. 468-3326.

Is your R.R.S.P.

Earning **19%**



Tom Kofin, B.Comm.
and Merit Mortgage Group
can help. 482-4822

Merit Mortgage
Group Ltd.

Where Will You Be in 20 Years?

You are helping your students realize their future. Have you given that same careful thought and planning to your future?

Teachers' Retirement Savings Plan

Available to educators
and their families.

Competitive Interest Rate: 14%* compounding
monthly for an effective annual yield of **14.9%**

*rate subject to change

An Equity Section is also available.

Regular Office Hours:

9-5. Tues. - Fri. / 9-12. Sat

plus 9-5 Monday March 2 to accept your last minute contributions to Teachers' RSP

Barnett House, 11010-142nd St. Telephone **453-3902**
Edmonton, Alberta T5N 2R1

**TEACHERS' INVESTMENT
AND HOUSING CO-OPERATIVE**



Bamfield Marine Station Field Trip

APRIL 10-12, 1981

offered by the

FACULTY OF EXTENSION

THE UNIVERSITY OF ALBERTA

This three-day non-credit travel/study field trip will provide an opportunity to expand your knowledge of natural history by studying the Pacific shores and the life that abounds there. Short excursions will be made from the Marine Station to many different habitats—exposed rocky reefs, tide pools, sandy beaches, marine caves, quiet bays, mud flats, kelp beds, and deep water areas. Organisms will be observed in their natural environment and some invertebrates, fish, and algae will be brought back to the Marine Station where, in its well-equipped laboratory, more detailed examinations can be made. Special excursions will also be made to observe marine birds and mammals. Each excursion and lab session will be accompanied by a series of informative lectures and demonstrations by Marine Station staff.

The fee is \$150 including the orientation session, tuition, materials, transportation from Victoria to Bamfield and around Bamfield, boat charter, accommodation, and meals at the Station. Individuals are to make their own way to Victoria in time to depart by bus for Bamfield at 7 a.m. on Friday, April 10. The trip is limited to 30 participants. For additional information, please call 432-5061.